|       |          |              |           |                 |              |              |              |  |  |          |          | Har             | larold Joyce |              |              |          |           |          |           |              | 3749     |            |          |          |          |           |          |           |          |        |          |
|-------|----------|--------------|-----------|-----------------|--------------|--------------|--------------|--|--|----------|----------|-----------------|--------------|--------------|--------------|----------|-----------|----------|-----------|--------------|----------|------------|----------|----------|----------|-----------|----------|-----------|----------|--------|----------|
|       |          | <b>√</b>     | Reje      | (Through num    |              |              |              |  |  | eral     | )        | N Non           |              |              | on-f         | Ξle      | octe      | ed       |           | Α            | Appeal   |            |          |          |          |           |          |           |          |        |          |
|       |          | =            | = Allowed |                 |              | + Restricted |              |  |  |          |          |                 |              | I Interferen |              |          | Э         |          | 0         | Objected     |          |            |          |          |          |           |          |           |          |        |          |
| Claim | Claim Da |              |           |                 |              | e iii        |              |  |  |          | Claim    |                 |              |              | Date         |          |           |          |           | Clai         |          | aim        |          | Date     |          |           |          | _         |          |        | 1        |
|       |          | 4            |           |                 |              |              | Γ            |  |  |          |          | П               |              |              |              |          |           |          |           |              |          |            |          |          |          |           |          |           |          |        |          |
| Final | Original | 8/4/04       |           |                 |              |              |              |  |  | Final    | Original |                 |              |              |              |          |           |          |           |              | Final    | Original   |          |          |          |           |          |           |          |        |          |
|       | 1        | √            |           |                 | 1            | #            |              | <u></u>  |  |          | 51       |                 | $\perp$      | L            | L            |          | $\exists$ | 7        |           | Ĺ            |          | 101        |          | 4        | 4        | 7         | 1        | 7         |          |        | ]        |
|       | 2        | Н            | +         | +               | +            | +            | ╁            | ╁  |  |          | 52<br>53 | $\vdash$        |              | +            | ┢            | Н        | $\dashv$  | +        | -         | -            | -        | 102<br>103 |          | -        | $\dashv$ | +         | +        | +         | +        | +      | 1        |
| 4     | 4        | П            |           |                 |              |              |              |  |  |          | 54       |                 |              |              |              |          |           |          |           |              |          | 104        |          |          |          | $\perp$   | $\dashv$ |           |          |        | 1        |
|       | 5        | П            |           |                 | $\perp$      | _            | L            |  |  |          | 55       | $\vdash$        |              | 4-           | <u> </u>     | Ш        | _         | - -      | 4         | -            |          | 105        | Н        | _        | -        | 4         | -        | 4         | +        | $\bot$ | 1        |
|       | 6<br>7   | H            |           | -               | ╁            | ╫            | ╁            | ╀─   |  |          | 56<br>57 |                 | -            | +            | +            | Н        | $\dashv$  | +        | -         | -            |          | 106<br>107 | H        |          | $\dashv$ | ╁         | +        | +         | +        | ╁      | 1        |
|       | 8        | Ħ            | - -       |                 | $^{\dagger}$ | +            | T            | $\vdash$   |  | <b>-</b> | 58       | $\vdash$        |              | †-           | †            |          |           |          | <b>-</b>  |              |          | 108        |          |          |          | 寸         | $\perp$  | 1         |          |        | 1        |
|       | 9        | П            |           |                 |              | $\perp$      |              |  |  |          | 59       | П               |              | $\perp$      |              |          |           |          |           |              |          | 109        |          | $\Box$   | $\Box$   | 1         |          |           |          | 1_     | ]        |
|       | 0        | $\mathbb{H}$ |           | <u> </u>        | +            | +            | ╀            | -  |  | -        | 60<br>61 | <del>  -</del>  | +            | +            | ╁            | $\vdash$ | $\dashv$  |          | -         | -            |          | 110<br>111 | $\vdash$ | +        | $\dashv$ | +         | +        | $\dashv$  | -        | +-     | -        |
|       | 2        | H            | +         |                 | ╁            | ╁            | ╁            | +-   |  |          | 62       | $\vdash$        | +            | +            | $\vdash$     | $\vdash$ | $\dashv$  | ╅        | -         | -            |          | 112        | $\vdash$ | ᆉ        | $\dashv$ | $\dagger$ | +        | +         | +        | ╁╌     | 1        |
| 1     | 13       | $\mathbf{I}$ |           |                 |              |              |              |  |  |          | 63       |                 |              |              |              |          |           |          |           |              |          | 113        |          |          |          |           |          |           |          | 1      | ]        |
|       | 4        | Д            |           |                 |              | 4            |              | Ļ.   |  |          | 64       |                 |              |              |              |          | _         |          | _         | -            |          | 114        | $\sqcup$ |          | +        | 4         | +        | 4         | -        | +      | 4        |
| 1     | 15<br>16 | Н            |           | ┢               | +            |              | ╀            | -  |  |          | 65<br>66 | $\vdash$        | +            | +            | $\vdash$     | Н        | $\dashv$  | +        | - :       | -            |          | 115<br>116 | $\vdash$ | -        | +        | +         | +        | +         | +        | +      | 1        |
|       | 17       | H            | -         | $\vdash$        | +            | ╁            | 十            |  |  |          | 67       | 1-1-            | +            | +-           | <del> </del> | Н        |           | $\top$   | 7         | -            |          | 117        |          | $\dashv$ | $\top$   | $\top$    |          | 7         |          |        | j        |
| 1     | 18       | П            |           |                 | $\perp$      |              |              |  |  |          | 68       |                 |              | L            |              |          |           |          | ]         |              |          | 118        |          | $\Box$   | $\Box$   | $\bot$    | $\perp$  | 4         |          |        | ]        |
|       | 19<br>20 | Н            | _         | $\vdash$        | - -          |              | ╀            | -  |  |          | 69<br>70 |                 | - -          | +-           | ╀            | $\vdash$ |           | +        | 4         | -            |          | 119<br>120 | $\vdash$ | $\dashv$ | +        | +         |          | -         |          | ╁      | 4        |
|       | 21       | Н            |           | -               |              | ╁            | +-           | $\vdash$   |  |          | 71       | $\vdash$        | +            | ╁┈           | ╁╌           | Н        | -         | +        | $\dashv$  | -            |          | 121        | $\vdash$ | +        | 十        | +         | - -      | 7         | +        | ╁      | †        |
| 2     | 22       |              |           |                 | Ť            |              |              |  |  |          | 72       |                 |              |              |              |          |           |          |           | Ľ            |          | 122        |          |          |          |           |          |           |          |        | 1        |
|       | 23       | Ţ            |           |                 | 1            |              |              |  |  |          | 73       |                 | $\perp$      | ╽            | ↓_           | Ш        |           |          | 4         | -            |          | 123        |          | 4        | 4        | +         | -        | 4         | -        | ╀-     | 4        |
|       | 24<br>25 | V            | -         | -               | +            |              | ╁            | ┢  |  |          | 74<br>75 | $\vdash$        | +            |              | +            | Н        | -         | +        | $\dashv$  | -            | $\dashv$ | 124<br>125 | H        | $\dashv$ | $\dashv$ | +         | -        | +         | +        | ╫      | †        |
|       | 26       | $\neg$       | $\dashv$  | $\vdash$        | ╁            | +            | 1            |  |  |          | 76       | $\vdash$        | $\top$       | 1            | $\vdash$     |          |           |          |           |              |          | 126        |          |          | T        | 1         |          |           |          | L      | <u> </u> |
| 2     | 27       |              |           |                 | I            |              |              |  |  |          | 77       |                 |              | Ţ            |              |          |           |          | $\Box$    |              |          | 127        |          | $\dashv$ | $\dashv$ |           |          | _         | _        | 4      | 1        |
| 2     | 28<br>29 | _            |           | -               | - -          | +-           | +            | ╀  |  |          | 78<br>79 | $\vdash \vdash$ | +            | ╁┈           | +            | Н        | $\dashv$  | +        | $\dashv$  | -            |          | 128<br>129 | Н        | -        | +        | +         |          | +         | +        | ╁╾     | 4        |
| - 3   | 30       | _            | -         | $\vdash \vdash$ | +            | +            | +            | $\vdash$   |  |          | 80       | H               | +            | ╁            | +            | Н        | $\exists$ | +        | $\dashv$  |              |          | 130        | H        | $\dashv$ | $\dashv$ | 十         |          | 7         | $\dashv$ | +-     | 1        |
| 3     | 31       |              |           |                 |              |              |              |  |  |          | 81       |                 |              |              |              |          |           |          |           |              |          | 131        |          | $\Box$   | $\Box$   |           |          | $\Box$    |          |        | ]        |
| 3     | 32       |              |           | -               | +            | -            | 1            | <u> </u>   |  |          | 82<br>83 | ⊢               | -            | +            | ⊢            | Н        | $\dashv$  | -        | 4         | -            |          | 132<br>133 | Н        | -        | -        | 4         | -        | 4         | - -      | +      | -        |
|       | 33<br>34 | -            | -         | -               | +            | +            | +-           | ╁  |  |          | 84       | ╁┼              | ╁            | +            | $\vdash$     | Н        | $\vdash$  | +        | $\dashv$  | -            |          | 134        |          | $\dashv$ | $\dashv$ | +         | $\dashv$ | +         | +        | +      | †        |
| 3     | 35       |              |           |                 | 1            |              |              |  |  |          | 85       |                 |              | 1_           |              |          |           |          |           |              |          | 135        |          |          |          |           |          |           |          |        | ]        |
| 3     | 36       |              |           |                 | $\perp$      | _            | L            |  |  |          | 86       | Ш               | _            | _            | 1            |          |           | _        | 4         |              |          | 136        |          | _        | _        | 4         | _        | 4         | -        | ╀      | 4        |
|       | 37<br>38 |              | $\dashv$  | ┝╼┼╾            | ╬            | +            | $\vdash$     | ╁  |  | <u> </u> | 87<br>88 | H               |              | ╁            | -            | -        | H         | $\dashv$ | -         | -            |          | 137<br>138 | H        | $\dashv$ | $\dashv$ | +         | +        | $\dashv$  |          | ╁      | 4        |
|       | 39       | _            |           |                 | +            | +            | 十            | -  |  |          | 89       | $\vdash$        | ┪            | +-           |              |          | H         | $\dashv$ | $\exists$ | -            |          | 139        |          | $\dashv$ |          | 1         | 1        | 1         |          |        |          |
| 4     | 10       |              |           |                 | 1            |              |              |  |  |          | 90_      |                 |              | $\perp$      |              |          |           |          |           |              |          | 140        |          | $\Box$   |          | 4         | 1        | _         | $\perp$  | Ţ      | ]        |
|       | 11       |              | _ _       | $\perp$         | +            |              | ╀            | ₩  |  |          | 91       | $\vdash \vdash$ | +            | +-           | <del> </del> | H        | $\vdash$  | +        | -         | -            |          | 141<br>142 | ┦        | -        | -        | +         | +        | -         | -        | ╂      | -        |
|       | 12<br>13 | _            | -         | $\vdash$        | ┿            | ╁            | ╁            |  |  |          | 93       | $\vdash$        | +            | +            | ╁            |          | $\vdash$  | $\dashv$ | $\dashv$  | -            |          | 143        | H        | $\dashv$ | -        | 十         | +        | ┪         | +        | +      | 1        |
| 4     | 14       |              |           |                 |              |              |              |  |  |          | 94       |                 | $\perp$      |              |              |          |           | 工        |           |              |          | 144        |          |          |          | $\Box$    |          | $\exists$ |          |        | ]        |
|       | 15       |              |           |                 | $\perp$      |              | $\perp$      | <del>                                     </del> |  |          | 95       | $\Box$          |              | $\perp$      | 1            | igsqcup  | Щ         | -        | _         |              |          | 145        | $\sqcup$ | $\dashv$ | 4        | _         | +        | 4         | +        | +      | -        |
|       | 16<br>17 |              |           | $\vdash$        | +            | +            | ╁            | +  |  |          | 96<br>97 | $\vdash$        | +            | +            | ╁            | -        | $\vdash$  | $\dashv$ | $\dashv$  | ╬            |          | 146<br>147 | $\vdash$ | $\dashv$ | $\dashv$ | +         | +        | $\dashv$  | +        | +      | -        |
|       | 18       |              |           | $\vdash$        | +            | 1            | $^{\dagger}$ | $\vdash$   |  |          | 98       |                 | ╧            | 士            |              |          |           | 士        |           |              |          | 148        |          | ╛        |          | ⇉         | $\perp$  |           | 上        |        | ]        |
| 4     | 19       |              |           |                 | 1            | 工            | L            | Γ  |  |          | 99       | П               | $\bot$       | $\bot$       |              |          |           | $\Box$   | _         |              |          | 149        |          | $\Box$   | $\Box$   | $\prod$   | $\bot$   | $\Box$    | 工        | T      | -        |
| 5     | 50       |              |           |                 |              |              | L_           | L  |  | L        | 100      |                 |              |              |              | L        | Ш         |          | _]:       | ::: <u> </u> |          | 150        | Ш        | į        |          |           | L        |           |          | Ь.     | ا        |
|       |          |              |           |                 |              |              |              |  |  |          |          |                 |              |              |              |          |           |          |           |              |          |            |          |          |          |           |          |           |          |        |          |

Application No.

10/608,901

Examiner

Index of Claims

Applicant(s)

Art Unit

KENNEDY ET AL.